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UTILITY **PATENT APPLICATION TRANSMITTAL**

Attorney Docket No. MSC-23228-1 Patrick W. Fink, et al. First Inventor or Application Identifier Distributed Antenna System and Method EF775095686US

Ciny for flew fi	oripiovisional applications unde	Expre	355 IVIAII LADEI IVO.				
	PPLICATION ELEMENT apter 600 concerning utility pate	-	ADDRESS	Assistant Com Box Patent App Washington,			
1. X (Su (Su (pre - D (pre - D) A) A) A Oath or De a. X b. Thought of the control of the contro	1. X * Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. X Specification [Total Pages 41] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 3. X Drawing(s) (35 U.S.C. 113) [Total Sheets 4] 4. Oath or Declaration [Total Pages 2] A Newly executed (original or copy) Copy from a prior application (37 C.F. R. § 1.63(d))			crofiche Computer Pr nd/or Amino Acid Seq all necessary) Computer Readab Paper Copy (identic Statement verifying MPANYING APPL signment Papers (cove C.F R.§3.73(b) Statement there is an assigned glish Translation Documentation Disclosure externent (IDS)/PTO-1 eliminary Amendment tum Receipt Postcard mould be specifically its mall Entity stement(s) TO/SB/09-12) rtified Copy of Priority foreign priority is claim mer. Letter containi	ogram (Appendix) Juence Submission le Copy al to computer copy) Identity of above copies ICATION PARTS In sheet & document(s)) In ment In power of Attorney In power of		
For CONTINUA under Box 4b,	Afficiation information—Divisional Examination or DIVISIONAL APPS on is considered a part of the discinicorporation can only be relie-	ly: The entire disclosure of the	e prior application, from	al application and is he	reby incorporated by		
		17. CORRESPON	CE ADDRE	36			
Custome	er Number or Bar Code Label	(Insert Custom2 A 9 5 tt		or Com	espondence address below		
NASA Johnson Space Center PATENT TRADEMARK OFFICE NASA Johnson Space Center							
Name					<u> </u>		
 	Attn: Hardie R. Barr, Mail Code HA						
Address 2101 NASA Road One							
Houston, Texas 77058							
City	Houston	State	Texas	Zıp Code	77058		
Country	USA	Telephone	281-483-1003	Fax	281-244-8452		
Name (Pri	ht/Type) Hardie R. Harr		Registration	No (Attorney/Agent)	31,480		

Signature

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT

(\$)	1.	342.00
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Complete if Known				
Application Number				
Filing Date	05/24/01			
First Named Inventor	Patrick W. Fink			
Examiner Name		arav		
Group Art Unit				
Attorney Docket No.	MSC-23228-1			

METHOD OF PAYMENT			FEE CALCULATION (continued)				
The Commissioner is hereby authorized to charge		3. ADDITIONAL FEES					
indicated fees and credit any overpayments to Deposit		Larg		Sma			
Account 1/ 0116	Fee	Entit Fee	y Fee	Entit Fee	y Fee Description	Fee Paid	
Number 14-0110 Deposit National Aeronautics & Space			Code		ree Description		
Account	105	130	205	65	Surcharge - late filing fee or oath		
Name Administration	127	50	227	25	Surcharge - late provisional filing fee or		
Charge Any Additional Fee Required Under 37 CFR 1 16 and 1.17					cover sheet		
Applicant claims small entity status	139	130	139	130	Non-English specification		
See 37 CFR 1 27	147	2,520	147	2,520	For filing a request for ex parte reexamination		
2. Payment Enclosed:	112	920*	112	920*	Requesting publication of SIR prior to Examiner action		
Check Credit card Order Other	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		
	115	110	215	55	Extension for reply within first month		
BASIC FILING FEE Large Entity Small Entity	116	390	216	195	Extension for reply within second month		
Fee Fee Fee Fee Description	117	890	217	445	Extension for reply within third month		
code (4)	118	1,390	218	695	Extension for reply within fourth month		
101 710 201 355 Utility filing fee 710.00	128	1,890	228	945	Extension for reply within fifth month		
107 490 207 245 Plant filing fee	119	310	219	155	Notice of Appeal		
108 710 208 355 Reissue filing fee	120	310	220	155	Filing a brief in support of an appeal		
114 150 214 75 Provisional filing fee	121	270	221	135	Request for oral hearing		
		1,510	138	1,510	Petition to institute a public use proceeding		
SUBTOTAL (1) (\$) 710.00		110	240	55	Petition to revive - unavoidable		
2. EXTRA CLAIM FEES	141	1,240	241	620	Petition to revive - unintentional		
Extra Claims below Fee Paid		1,240			Utility issue fee (or reissue)		
Total Claims 44 -20" = 24 × 18 = 432	143	440	243		Design issue fee		
Claims 5 - 2 ^ 80 - 100	144	600		300	Plant issue fee		
Multiple Dependent= 592	122	130		130	Petitions to the Commissioner		
Large Entity Small Entity	123	50	123	50	Processing fee under 37 CFR 1.17(q)		
Fee Fee Fee Fee Description	126	180	126	180	Submission of Information Disclosure Stmt		
Code (\$) Code (\$)	581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00	
103 18 203 9 Claims in excess of 20 102 80 202 40 Independent claims in excess of 3	146	710	246	355	Filing a submission after final rejection		
104 270 204 135 Multiple dependent claim, if not paid		740	0.40	255	(37 ČFR § 1 129(a))		
109 80 209 40 ** Reissue independent claims over original patent	149	710	249	355	For each additional invention to be examined (37 CFR § 1 129(b))		
110 18 210 9 ** Reissue claims in excess of 20		710	279	355	Request for Continued Examination (RCE)		
and over original patent	169	900	169	900	Request for expedited examination of a design application		
SUBTOTAL (2) (\$) 592.00		r fee (s	specify	/)			
**or number previously paid, if greater, For Reissues, see above		iuced l	by Bas	sic Filing	Fee Paid SUBTOTAL (3) (\$) 40).00	

SUBMITTED BY	SUBMITTED BY Complete (if applicable)						
Name (Print/Type)	Hardig R. Barr	Registration No (Attorney/Agent)	31,480	Telephone	281-483-1003		
Signature	Through Ba	el		Date	5-24-01		

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NASA CASE NO. 23228-1

Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Daniel S. Goldin) Group Art
) Unit:
First Named Inventor:	Patrick W. Fink)
)
Serial No.:)
)
Filed:	May 24, 2001)
)
For:	Distributed Antenna System and Method)
)
)

Letter

Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

The enclosed application is being filed in accordance with Rules 1.10 and 1.53(b) in order to obtain a filing date of May 24, 2001. The application is being sent by Express Mail "Post Office to Addressee" under Certificate EF775095686US.

Respectfully submitted,

Hardie R, Barr, Reg. No. 31,480

Attorney for Applicant

Houston, Texas 77058

Telephone: 281-483-1003 or 281-483-4871

Datafax: 281-244-8452

I hereby certify that the attached application "Distributed Antenna System and Method," is being deposited with the United States Postal Service on May 24, 2001, as Express Mail "Post Office to Addressee" under Certificate No. EF775095686US in an envelope addressed to: Commissioner for Patents, Washington, D.C.

20231.

Hardi¢∕R. Barr